

AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1. (Currently Amended) A communication quality acquisition apparatus comprising:

an acquisition means for receiving the CDMA pilot channels sent from a plurality of wireless base stations through the use of spread signals different from each other ~~and acquiring~~ , detecting the synchronization point for an off-track spread signal, and optimizing a width of a measurement window for an on-track spread signal by increasing the frequency of the synchronization and refreshing the measurement window to narrow the measurement window to acquire delay profile based on said spread signals in said CDMA pilot channels; and

a storage means for storing the meaningful delay profile of said on-track spread signal acquired by said acquisition means.

Claim 2. (Currently Amended) The communication quality acquisition apparatus according to claim 1, wherein said acquisition means comprises:

a synchronization means for ~~establishing~~ detecting the synchronization point based on said spread signals in said CDMA pilot channels;

a measurement means for acquiring delay profile by reverse spreading said spread signals in said CDMA pilot channels; and

a control means for controlling said synchronization means and measurement means.

Claim 3. (Cancelled).

Claim 4. (Original) The communication quality acquisition apparatus according to claim 2, wherein said control means controls said synchronization means and measurement means based on the conditions set by the user for initial error detection check, re-synchronization of each mode, off-track check and automatic re-synchronization check, or on information set for the code that will be measured.

Claim 5. (Original) Te communication quality acquisition apparatus according to claim 2, wherein said control means controls said measurement means based on the synchronization point information acquired by said synchronization means.

Claim 6. (Original) The communication quality acquisition apparatus according to claim 2, wherein said control means controls said synchronization means based on the check results of initial error detection, automatic re-synchronization or off-track acquired by said measurement means.

Claim 7. (Currently Amended) A communication quality acquisition method comprising:

the acquisition step of receiving CDMA channels sent from a plurality of wireless base stations through the use of spread signals different from each other ~~and acquiring~~, detecting the synchronization point for an off-track spread signal, and optimizing a width of a measurement window for an on-track spread signal by increasing the frequency of the synchronization and refreshing the measurement window to narrow the measurement window to acquire delay profile based on said spread signals in said CDMA channels; and

the storage step of storing the meaningful delay profile of said on-track spread signal acquired by said acquisition step.

Claim 8. (Original) The communication quality acquisition method according to claim 7, wherein said acquisition step comprises:

the synchronization step of ~~establishing~~ detecting the synchronization point based on said spread signals in said CDMA pilot channels;

the measurement step of acquiring delay profile by reverse spreading said spread signals in said CDMA pilot channels; and

the control step of controlling said synchronization step and measurement step.

Claim 9. (Cancelled).

Claim 10. (Original) The communication quality acquisition method according to claim 8, wherein at said control step said synchronization step and measurement step are controlled based on the conditions set by the user for initial error detection check, re-

synchronization of each mode, off-track check and automatic re-synchronization check, or on information set for the code that will be measured.

Claim 11. (Original) The communication quality acquisition method according to claim 8, wherein said control step controls said measurement step based on the synchronization point information acquired at said synchronization step.

Claim 12. (Original) The communication quality acquisition method according to claim 8, wherein said control step controls said synchronization step based on the check results of initial error detection, automatic re-synchronization or off-track.